

MATERIAL SAFETY DATA SHEET



DATE PRINTED: 10/23/1995

MSDS NO. NZCOAT001

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NCA17

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME

Alumina/Zirconia Coated Abrasives

TRADE NAME

NorZon - CAP Codes: A8, E8, F8, H8, R8

MANUFACTURER

Norton Company, P.O. Box 808 Troy, NY. 12180 (518) 266-2200

REVISION DATE

10/23/1995

MSDS PRINT FORMAT

NORTONUSA

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE DESCRIPTION	PERCENT	CAS#
Cloth or Paper Backing	20.000- 30.000	
Binder System **	5.000- 15.000	
Zirconium Oxide	20.000- 30.000	7440-67-7
Aluminum Oxide	30.000- 40.000	1344-28-1

** SUBSTANCE IS A COMPOUND AND/OR MIXTURE

OTHER

SECTION 3. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

Dust may be slightly irritating to eyes and respiratory tract at high concentrations.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Dust may irritate eyes.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Some may experience skin irritation from dust.

INGESTION ACUTE EXPOSURE EFFECTS

No known adverse effects, but ingestion not recommended.

SECTION 4. FIRST AID MEASURES

INHALATION

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

SKIN CONTACT

Wash affected areas with soap and water. Obtain medical assistance.

EYE CONTACT

Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

INGESTION

Call poison control center, hospital emergency room or physician immediately.

SECTION 5. FIRE FIGHTING MEASURES



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SECTION 5. FIRE FIGHTING MEASURES (CONTINUED)

FIRE FIGHTING PROCEDURES

N/A

HAZARDOUS PRODUCTS/COMBUSTION

None

SECTION 6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP

Follow normal clean up procedures

SECTION 7. HANDLING AND STORAGE

HANDLING

Handle with adequate ventilation for nuisance dust.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION

Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.

RESPIRATORY PROTECTION

Respirators are required when airborne contaminant levels exceed the TLV(s).

EYE PROTECTION

Always WEAR SAFETY GLASSES or some type of eye protection while sanding.

OTHER PROTECTION

Use of this product may create elevated sound levels. Hearing protection should be worn where required.(see OSHA 29CFR1910.134 and other applicable regulations)

EXPOSURE LIMITS/REGULATORY INFORMATION

<u>SUBSTANCE DESCRIPTION</u>	<u>UNITS</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>MOL</u>	<u>MAK</u>
Cloth or Paper Backing	PPM	0.0000	0.0000	0.0000	0.0000
Binder System	PPM	0.0000	0.0000	0.0000	0.0000
Zirconium Oxide	MG/M3	5.0000	0.0000	0.0000	0.0000
Aluminum Oxide	MG/M3	10.0000	0.0000	0.0000	0.0000

EXPOSURE LIMIT DESCRIPTIONS

ACGIH Am. Conf. Govmnt. Ind. Hyg.

MOL Ministry of Labor

MAK

FRG Max. Conc. Values

OSHA

Occ. Safety & Health Admin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

APPEARANCE & ODOR (CONTINUED)

Solid article, Odorless

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES

Avoid acids of all types with a pH < 4.0

DECOMPOSITION

In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components.

SECTION 11. TOXICOLOGICAL INFORMATION

INHALATION CHRONIC EXPOSURE EFFECTS

Chronic: May affect breathing capacity.

CARCINOGENICITY

N/A

LD50/LC50

Values are not appropriate or available.

SECTION 12. ECOLOGICAL INFORMATION

CHEMICAL FATE

N/A

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

SECTION 14. TRANSPORT INFORMATION

HAZARD CLASS

This product is not hazardous as defined by the Department of Transportation.

SECTION 15. OTHER INFORMATION

CA PROP 65

Not Applicable

TSCA

Section 8(b) - Inventory Status All components of this product are registered under the regulations of the Toxic Substance Control Act.